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| **DOCUMENT RULES:** | |
| **Task Number / Name:** | **Kubernates Networking** |
| **Task name & column name should be written:** | **Bold (CTRL+B)** |
| **Commands should be written in the after # sign:** | *Italic (CTRL+I) #hostname* |
| **Output photo should be cropped or compressed:**  **Photo could be more than one:**  **If you need extra lines, add the line next after it:** | ***Description photo should be with title bar (CTRL + I + B)*** |
| **All other text should be written:** | Standard |
| **Font name and text size:** | Calibri and 9 |
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# Kubernetes Networking

## Services

Create deployment kubectl apply -f https://raw.githubusercontent.com/Piotr1215/dca-exercises/master/k8s/deployment/1-create-deployment.yaml

Expose Service: k expose deployment.app/nginx-test --port 80 --target-port 80 --type NodePort --name nginxsvc

Create ingress controller: kubectl apply -f https://raw.githubusercontent.com/kubernetes/ingress-nginx/controller-v0.43.0/deploy/static/provider/baremetal/deploy.yaml

kubectl get pods -n ingress-nginx -l app.kubernetes.io/name=ingress-nginx –watch

Create Ingress:

cat << EOF | kubectl create -f -

apiVersion: networking.k8s.io/v1beta1

kind: Ingress

metadata:

name: example-ingress

annotations:

kubernetes.io/ingress.class: "nginx"

spec:

backend:

serviceName: nginxsvc

servicePort: 80

EOF